What is claimed is:

[Claim 1] A valve assembly for use in a well, comprising:

an outer housing;

an inner housing movable with respect to the outer housing and disposed within the outer housing, the inner housing having a hollow interior, and one of the outer housing and the inner housing having a plurality of radial flow passages; and

a sealing device disposed between the inner housing and the outer housing, the sealing device having a primary seat and a secondary seat, at least one of the primary seat and the secondary seat being formed of a harder material than the other.

- [Claim 2] The valve assembly as recited in claim 1, wherein the sealing device comprises a sliding seal.
- [Claim 3] The valve assembly as recited in claim 1, wherein at least one of the primary seat and the secondary seat is formed of a deformable material.
- [Claim 4] The valve assembly as recited in claim 3, wherein the deformable material comprises PEEK.
- [Claim 5] The valve assembly as recited in claim 2, wherein at least one of the primary seat and the secondary seat has a hardness of at least 1,200 knoops.
- [Claim 6] The valve assembly as recited in claim 1, further comprising:

an orifice insert disposed within at least one of the radial flow passages, the orifice insert having a passageway therethrough.

- [Claim 7] The valve assembly as recited in claim 1, wherein the primary seat comprises a carbide material.
- [Claim 8] The valve assembly as recited in claim 1, wherein the primary seat comprises a tungsten-carbide material.

[Claim 9] The valve assembly as recited in claim 1, wherein the primary seat comprises a hardened steel material.

[Claim 10] The valve assembly as recited in claim 1, wherein the primary seat comprises a ceramic material.

[Claim 11] The valve assembly as recited in claim 1, wherein the primary seat comprises a vapor deposition diamond material.

[Claim 12] The valve assembly as recited in claim 1, wherein the primary seat comprises a polycrystalline diamond material.

[Claim 13] The valve assembly as recited in claim 1, wherein the secondary seat is formed of a plastic material.

[Claim 14] The valve assembly as recited in claim 2, wherein the sliding seal comprises a flow restrictor ring.

[Claim 15] The valve assembly as recited in claim 2, wherein the sliding seal comprises a seat retainer.

[Claim 16] The valve assembly as recited in claim 1, further comprising a choke stop positioned to engage the primary seat and the secondary seat when the sealing device is in a closed position.

[Claim 17] A valve assembly, comprising:

an outer housing sized for insertion into a wellbore; an inner housing slidably disposed within the outer housing, the inner housing having a radial flow passage to enable flow of fluid to an interior of the inner housing; and

a sealing device disposed between the inner housing and the outer housing to control flow through the radial flow passage, the sealing device having at least two different materials that form a seal with a choke stop positioned on one of the outer housing and the inner housing.

[Claim 18] The valve assembly as recited in claim 17, wherein the radial flow passage comprises a plurality of flow passages that move sequentially past the sealing device when the outer housing and the inner housing are moved relative to each other.

- [Claim 19] The valve assembly as recited in claim 18, wherein the plurality of flow passages are of different sizes.
- [Claim 20] The valve assembly as recited in claim 17, wherein the sealing device comprises a primary seat of a first material and a secondary seat of a second material.
- [Claim 21] The valve assembly as recited in claim 20, wherein the second material comprises a plastic material.
- [Claim 22] The valve assembly as recited in claim 20, wherein the second material is deformable.
- [Claim 23] The valve assembly as recited in claim 20, wherein the second material comprises PEEK.
- [Claim 24] The valve assembly as recited in claim 20, wherein the first material comprises a carbide material.
- [Claim 25] The valve assembly as recited in claim 20, wherein the first material comprises a tungsten-carbide material.
- [Claim 26] The valve assembly as recited in claim 20, wherein the first material comprises a hardened steel material.
- [Claim 27] The valve assembly as recited in claim 20, wherein the first material comprises a ceramic material.
- [Claim 28] The valve assembly as recited in claim 20, wherein the first material comprises a vapor deposition diamond material.
- [Claim 29] The valve assembly as recited in claim 20, wherein the first material comprises a polycrystalline diamond material.
- [Claim 30] The valve assembly as recited in claim 18, wherein the plurality of flow passages are defined by a plurality of hardened inserts.
- [Claim 31] A method of controlling fluid flow, comprising:
- constructing a valve assembly with an inner housing slidably disposed within an outer housing;

providing a flow passage through the inner housing to enable flow between an exterior and interior of the inner housing; and

utilizing a primary seat having a first material hardness and a secondary seat having a second material hardness to form a seal between the inner housing and the outer housing when the valve assembly is closed.

[Claim 32] The method as recited in claim 31, further comprising coupling the valve assembly to a wellbore completion.

[Claim 33] The method as recited in claim 31, further comprising coupling the valve assembly to an electric submersible pumping system.

[Claim 34] The method as recited in claim 31, further comprising moving the valve assembly into a wellbore.

[Claim 35] The method as recited in claim 31, further comprising locating a choke stop on the inner housing for sealing engagement with the primary seat and the secondary seat.

[Claim 36] The method as recited in claim 31, further comprising forming the secondary seat from a plastic material.

[Claim 37] The method as recited in claim 31, further comprising forming the secondary seat from a PEEK material.

[Claim 38] The method as recited in claim 36, further comprising forming the primary seat from a metal material.

[Claim 39] The method as recited in claim 36, further comprising forming the primary seat from a ceramic material.

[Claim 40] The method as recited in claim 36, further comprising forming the primary seat from a diamond material.

[Claim 41] The method as recited in claim 31, wherein utilizing comprises positioning the primary seat and the secondary seat on a sliding seal.

[Claim 42] The method as recited in claim 41, wherein providing comprises providing a plurality of flow passages across which the sliding seal moves sequentially to increase or decrease flow as the inner housing is moved relative to the outer housing.

Page	22	of	43
------	----	----	----